

SECTION 635 METAL CRIBBING

635.1-DESCRIPTION:

This work shall consist of the furnishing and installing of metal crib members, including the placing of the interior and backfill material, in accordance with these Specifications and in reasonably close conformity with the lines, grades, dimensions, locations, and sections shown on the Plans.

635.2-MATERIALS:

The crib members shall consist of metallic headers and stretchers with the appurtenances necessary for complete assembly in the field. Each header and stretcher shall be fabricated completely in the plant prior to shipment to the site. If indicated on the Plans, fillers for placing between the stretchers on the face of the wall and end caps for the outside ends of the headers shall be furnished.

The sheets from which all headers and stretchers are manufactured shall be made of material meeting the requirements for chemical composition and spelter coating specified under 713.2 for corrugated iron or steel pipe.

The various members of the crib shall be constructed of metal having a minimum thickness of 0.064 in.(1.6 mm).

The details of the crib members and their arrangements shall be as shown on the Plans. Interior filling material shall conform to the requirements of select borrow in 211.

CONSTRUCTION METHODS

635.3-PLACING CRIB MEMBERS:

The prepared foundation bed for the cribbing shall be firm and normal to the face of the cribbing and will be approved by the Engineer before any of the crib work is placed.

The crib members shall be erected as shown on the Plans. The members shall be handled carefully, and members that are damaged shall be removed and new members substituted in their place without extra compensation.

635.4-FILLING CRIB:

The filling of the interior and backfilling of the crib shall progress simultaneously with the erection of the cribbing and shall be as specified in 634.

635.5-METHOD OF MEASUREMENT:

The quantity of work done will be measured in square feet (meters) of "Metal Cribbing", complete in place and accepted, determined by actual overall measurements of the outside face of the structure.

"Structure Excavation" will be limited to a plane 18 in.(450 mm) from and

parallel to the faces of the cribbing.

635.6-BASIS OF PAYMENT:

The quantity, determined as provided above, will be paid for at the contract unit price bid for the item below, which price and payment will be full compensation for furnishing all the materials and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, supplies, and incidentals necessary to complete the work, except that the necessary structure excavation, with limitations as specified above, will be paid for as Item 212001-*, "STRUCTURAL EXCAVATION". The cost of granular filling of the interior and backfilling behind the crib shall be included in the unit price bid for "Metal Cribbing".

635.7-PAY ITEMS:

ITEM	DESCRIPTION	UNIT
635001-*	METAL CRIBBING	FOOT (METER)

* Sequence number

SECTION 636 MAINTAINING TRAFFIC

636.1-DESCRIPTION:

This work shall consist of all necessary measures to maintain and to protect traffic, to protect the work in process, to protect adjacent property from excess dust resulting from the construction area and to maintain traffic through, around or adjacent to the construction area, in accordance with these Specifications or as directed. The work shall include the furnishing and maintaining of all traffic control devices, flaggers and pilot truck; construction of temporary structures when required; labor, equipment and materials to keep the traveled road smooth; and the furnishing and application of dust palliatives.

636.2-MATERIALS:

Materials shall conform to the following requirements of Division 700, except as otherwise noted: